Easi®-LED-S User's Guide

for

Babboe Curve-E/ Babboe City-E

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A. Product Description

- A seamless integration between LED console and handle bar.
- A fashionable ring design with a simple LED console.
- Unique LED smart console with 9 LED indicators and 4 selection buttons.
    - 4 LEDs for different cycling modes (Neutral, 1, 2, 3, Boost and walk assist)
    - 4 LEDs for remaining capacity
    - 1 LED as a power on/off indicator
    - 4 selection buttons: walk assist, up arrow key, down arrow key. power on/off
    -

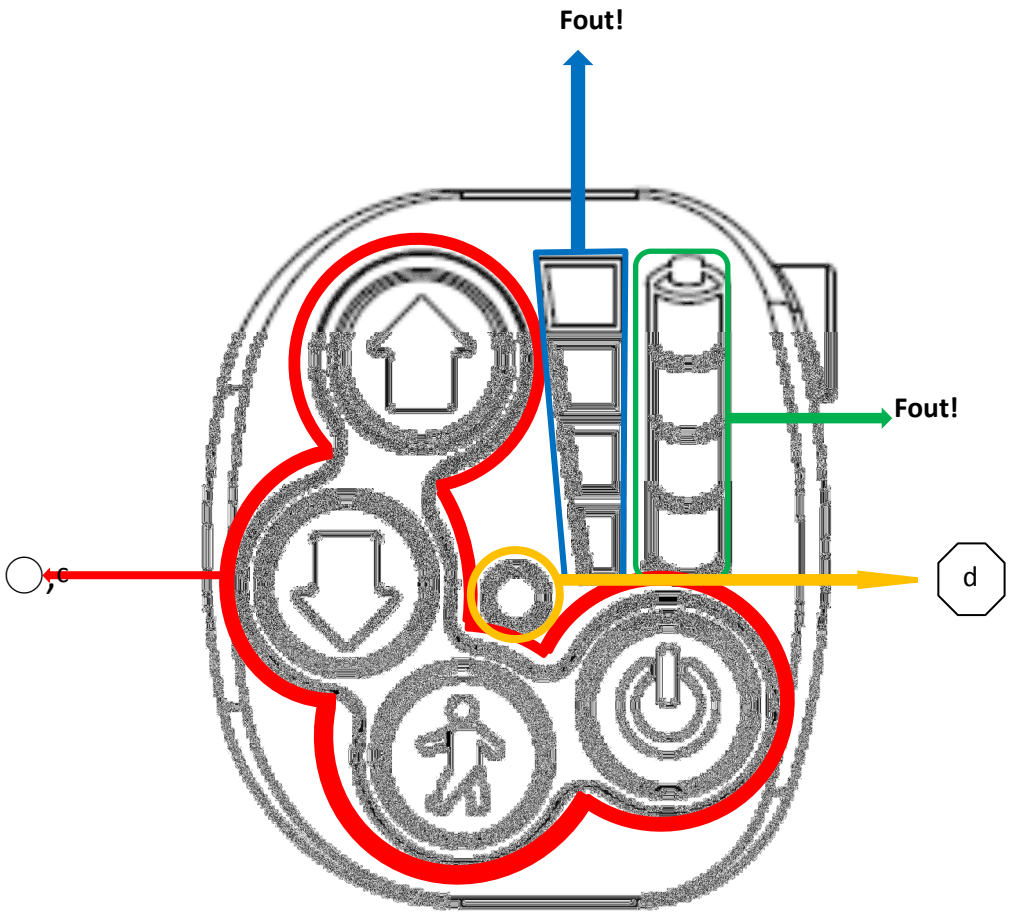
B. Highlight of Major Icons

◯,a Battery Capacity Indicator

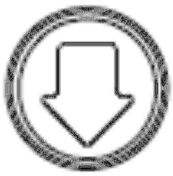
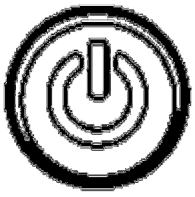
◯,b Motor Assistance Indicator

◯,c Control Buttons on LED Display

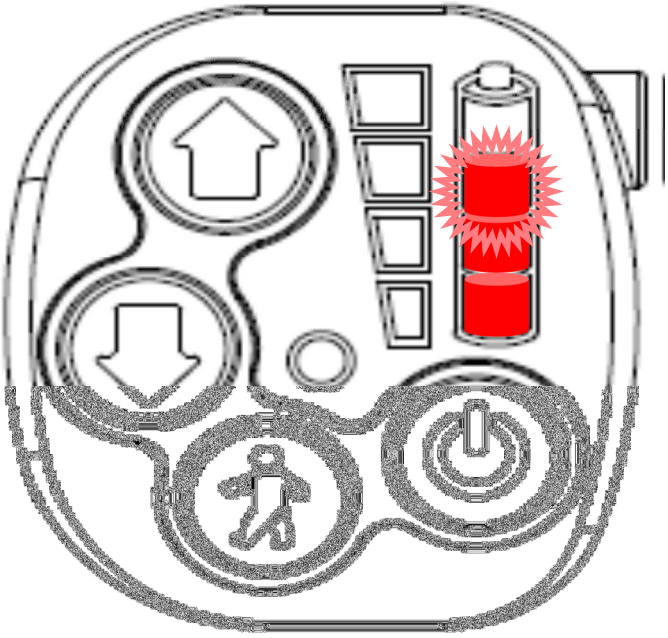
◯,d Power on/off Indicator



C. Functions of Four Control Buttons

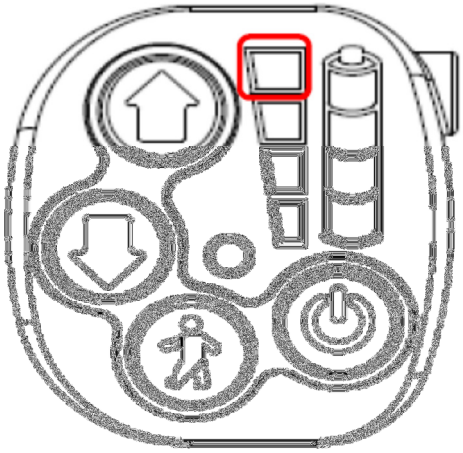
Four Control Buttons on LED		
	○,1	Up Arrow Button (with a selection of Boost Function) • Press this button to increase the motor assistance level from mode 1, 2, to mode 3. • Once Motor assistance level reaches mode 3, continue pressing Up Arrow Button will enter Boost mode (green LED will be lit up). • Pedal to start the boost for 30 sec and the motor assistance indicator will have its lights cycle up while activated. • Press any key to cancel Boost mode and return immediately to Mode 3.
	○,2	Down Arrow Button • Press this button to decrease the motor assistance level by 1 and can go down to assistance level of Neutral (or zero).
	○,3	Walk Assist Button • Press and hold this button to have the motor assist you in walking your bike • The motor assistance indicator will have its lights cycle up while activated.
	○,4	Power Button • Press this button to turn on or off the LED Display. It also shuts down battery power completely.

D. Charging



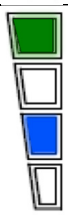
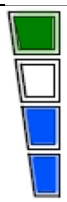
- The battery is split into 4 LEDs, each representing 25%.
- When charging, there will be a flashing LED marking how much the battery has been charged; any block of 25% that is charged will be lit up, any block of 25% that is uncharged will not be lit.

E. Error Notification



When you are not using Boost mode and you see the top light on, then there is something wrong with the bike. The bottom 3 LEDs displays the type of error through Boolean numbering. You can easily identify Error Code as shown on Table 1 below.

Table 1: Easi-LED-S Error Code Cross-Reference Chart

LED Status	Error Codes	Descriptions	Causes
	1	Power Output Error	● Internal short circuit ● MOSFET failed ● Current detection failed
	2	Communication Error	● Communication Error between battery & controller
	3	Battery Bad Cell or Poor Battery Contact Pins	● Single cell voltage under 2.56V or ● Poor contact pins of battery connector
	4	Over Temperature	● Controller over temperature ● Battery over temperature ● Motor over temperature
	5	Motor Stall	● Motor stalled

Legends: ■: **LED On** ■: **LED On** □: **LED Off**

THE END